

Notice of Allowability

Application No.

10/541,118

Examiner

MEKONEN BEKELE

Applicant(s)

LAURENT ET AL.

Art Unit

2624

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/17/2009.
2. ☒ The allowed claim(s) is/are 1,3,5-6,8-25 and 27(now renumbered 1-23 for issue).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date ____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

aEXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Jeffrey D. Shewchuk on May 19, 2009.
3. The application has been amended as follows:
 - In claim 1, on line 12 after "merging, in" please delete [a] and insert -- the --.
 - In claim 1, on line 14 after "construction, in " please delete [a] and insert -- the --.
 - In claim 1, on line 16 after "selection, in " please delete [a] and insert --the--.
 - In claim 25, on line 2 after "recorded on" please delete [a].
 - In claim 25, on line 2 after "readable" please delete [medium] and insert -- storage--.
 - In claim 25, on line 8 after "recorded on" please delete [a] and insert -- the--.
 - In claim 25, on line 8 after "computer readable" please delete [medium] and insert --storage--.
 - In claim 25, on line 13 after "recorded on" please delete [a] and insert -- the--.
 - In claim 25, on line 13 after "computer readable" please delete [medium] and insert -- storage--
 - In claim 25, on line 16 after "recorded on" please delete [a] and insert -- the--.
 - In claim 25, on line 16 after "computer readable" please delete [medium] and insert -- storage--

In claim 25, on line 19 after "recorded on" please delete [a] and insert -- the--.

In claim 25, on line 19 after "computer readable" please delete [medium] and insert
-- storage--.

Reasons for allowance

4. Claims 1, 3, 5-6, 8-25, and 27 (now renumbered 1-23 for issue) are allowed over the prior art of record.

5. The following is an examiner's statement of reasons for allowance: In addition to the teaching of claims 1, 23 and 25 as a whole, closest art of record failed to teach or suggest among other thing:

" the merging, in a computer processor, of the coefficients of said detail images so as not to give preference to any direction of said source image;

the construction, in a computer processor, of a unique tree structure of wavelets coefficients from the wavelet coefficients of each of said detail images; and

the selection, in a computer processor, of at least one point of interest, implementing: construction of at least one salience map, assigning salience values to the wavelet coefficients from the tree structure of wavelets coefficients, a salience value representing the interest of the wavelet coefficient;

construction of a tree structure of said salience values;"

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance.

Contact information

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Mekonen Bekele whose telephone number is 571-270-3915. The examiner can normally be reached on Monday -Friday from 8:00AM to 5:50 PM Eastern Time. If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor AHMED SAMIR can be reached on (571)272-7413. The fax phone number for the organization where the application or proceeding is assigned is 571-237-8300. Information regarding the status of an application may be obtained from the patent Application Information Retrieval (PAIR) system. Status information for published application may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished application is available through Privet PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have question on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866.217-919 (tool-free)

/MEKONEN BEKELE/
Examiner, Art Unit 2624
May 22, 2009

/Samir A. Ahmed/

Supervisory Patent Examiner, Art Unit 2624